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Defenseless:

Declining Military Dollars for the Northeast-Midwest Region

by

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Methodology

Defenseless: Declining Dollars for the Northeast-Midwest Region provides data on prime military contacts and military and civilian defense personnel on a state-by-state basis from fiscal 1951 to fiscal 1989. It also provides data by state on defense-related employment, the number of military installations and the receipt of military construction funds.

Dollar amounts for prime military contracts were obtained from the *Department of Defense: Military Prime Contract Awards by State, Fiscal Years 1951 to 1983*, prepared by the Department of Defense's Washington Headquarters Services, Directorate for Information Operations and Reports (DIOR). In addition, this Northeast-Midwest Congressional Coalition report uses fiscal 1984-89 data from DIOR's annual publication, *Atlas/Data Abstract for the United States and Selected Areas*.

Several specific comments should be made about the data. This report uses fiscal 1951 as a base year because it is the first year for which consistent data are available for tracking prime contracts on a state-by-state basis. For fiscal years 1951 through 1982, the Defense Department reported contract actions of more than $10,000. Beginning in fiscal 1983, the dollar value for reported actions increased to $25,000. The value of the contracts are in current dollars, unless otherwise noted. The data do not include contracts for civilian functions.

The report also uses data from the Defense Department's Washington Headquarters Services to calculate military and civilian personnel for each state. The year 1953 is the earliest date for which state-by-state personnel data are readily available.

Personnel totals include personnel from the Army, Navy, Air Force, Marine Corps, and the Defense Department. Totals for the states of Maryland and Virginia exclude personnel in the Washington, D.C. metropolitan area in order not to skew the figures. The District of Columbia metropolitan area, which includes the Pentagon, consists of Washington; Montgomery, Charles, and Prince Georges Counties in Maryland; Alexandria, Fairfax, Falls Church, Manassas and Manassas Park cities, and Arlington, Fairfax, Loudoun and Prince William Counties in Virginia.

Defenseless: Declining Military Dollars for the Northeast-Midwest Region updates two previous Northeast-Midwest Congressional Coalition publications. In 1980, the Coalition released *The Unprotected Flank: Regional and Strategic Imbalances in Defense Spending Patterns*, followed by *The Pentagon Tilt* in 1985. These reports and the current report were produced in response to concerns from Coalition members about the regional economic impacts of defense expenditure patterns, military base closures, and the location of other defense facilities.

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Overview

America's military establishment is being downsized dramatically. Congress and the White House have agreed to trim Defense Department budgets between fiscal years 1991 and 1995 by almost 25 percent. Military personnel will be cut by a third. Scores of bases will be closed or realigned.

Decisions made over the next several years will determine the long-term military preparedness of this scaled-down force. This period of change offers the chance to improve Defense Department operations in a number of different areas. This report's historical look at military spending will assist the Pentagon in reviewing their spending patterns on a regional basis. In addition, it will let regional lawmakers review programs to insure that regional equity in the distribution of military contracts and personnel will be achieved.

The military presence throughout the nation's regions has shifted substantially since the Korean War. In the early 1950s, when defense spending accounted for a high 69 percent of the total federal budget and 14.5 percent of the gross national product, the Northeast-Midwest region received more than 70 percent of all prime military contracts. By 1989, with defense spending at only 26 percent of the federal budget and 5.9 percent of gross national product, the region's share had dropped to just 38 percent. Moreover, the Northeast-Midwest's share of defense personnel, both military and civilian, fell 31.4 percent over this period, yet the share of U.S. population fell only 17.3 percent.

Defense spending is a major economic stimulus to the communities whose businesses benefit from it. Unfortunately, the Northeast-Midwest region obtains relatively little of this funding. For example, of the $4.4 trillion (in 1989 dollars adjusted for inflation) spent by the United States on military prime contracts from 1951 to 1989, the Northeast-Midwest received only $2.0 trillion. In contrast, the South and West received $2.4 trillion. From the perspective of private industry, the Northeast-Midwest is home to only 38.3 percent of the total number of defense-related jobs in the nation, compared to 61.7 percent for the West and South. This regional disparity is made particularly evident by the fact that of the 3.4 million defense-related jobs in private industry, over 1.1 million are in the West. Additionally, both the West and the South individually have more military installations than the entire Northeast-Midwest region.

These funding inequities must be taken into account when planning for the closure of military installations, as well as by the president and Congress as they determine future defense budgets. If military funding is to be more equitably distributed, further investigation must occur to ensure that the Northeast-Midwest receives a greater proportion of the Defense Department budget.

Military Prime Contracts
1951 to 1989

The South and West have increasingly benefitted from spending on defense procurement -- one of the largest single catagories of spending in the federal government.

Defense procurement contracts fell in all regions of the country after the Korean War, but midwestern and mid-Atlantic states suffered proportionately more. Southern and western states, in contrast, made a comeback starting in 1957. Contract dollars to the South soared almost two-and-a-half times in the 1960s.

Spending for prime military contracts has shifted sharply away from the Northeast-Midwest region. In 1951, 71.7 percent of prime military contracts went to industries in the Northeast-Midwest. Yet by 1980, spending on prime contracts in the Northeast and Midwest fell below 42 percent. The Midwest's share alone declined from 31.2 percent in 1951 to just over 10 percent by 1980.

The decline in the defense industrial base in the Northeast-Midwest region left the region in an unfavorable position to take advantage of the Reagan Administration's military buildup in the 1980s. In fact, contract dollars to the region continued to fall, reaching 38 percent of the national total in 1989, far below the region's 42 percent share of the nation's population and its 47 percent share of the nation's tax burden.

The South and West, in contrast, benefitted greatly from the military expansion of the 1980s. By 1989, more than 60 percent of defense prime contracts went to companies in the South and West, with western firms alone receiving 35 percent of total procurement spending.

On a per capita basis, from 1951 to 1989, the New England subregion was consistently above the national average for prime-contract spending, as was the West. The Mid-Atlantic region dropped below the national per capita average in 1964 and never bounced back. Except for the year of 1951 the Midwest, along with the South, ranked below the national average throughout the period. In the 1980s, the Midwest fell far below the national per capita level.

Over the entire period of 1951 to 1989, the United States spent $4.4 trillion (in 1989 dollars, adjusted for inflation) on military prime contracts. The Northeast-Midwest region received $2.0 trillion in military prime contracts, or 45.5 percent of all prime contract spending. The South and West received 54.5 percent of these contracts, for a total of $2.4 trillion. The West's share alone was $1.4 trillion -- 33% of the total. This regional discrepancy is due to a steady decline in the number of contract dollars spent by the military in the Northeast-Midwest. During the 1950's, the Northeast-Midwest received 57.2 percent of the contract dollars spent on defense. By the 1980's, the region's share had dwindled to only 38.7 percent. The South and West increased their share from 42.8 percent during the 1950's to 61.3 percent during the 1980's. A further decline will serve only to widen this substantial gap.

Military and Civilian Defense Personnel

The Northeast-Midwest has a relatively small number of military and civilian defense personnel. While the region's share of U.S. population fell only 17.3 percent from 1953 to 1989, the region's share of military and civilian defense personnel dropped 31.4 percent. As a result, the level of military and civilian salaries and wages in the region have consistently ranked below the national average.

The number of defense personnel, as would be expected, fell after the Korean war, rose in the late 1960s with the Vietnam War, and began declining again in the late 1970s. Although all areas of the United States followed these general patterns, the regional distribution of defense personnel has changed over the past several decades.

The Northeast-Midwest's share of military and civilian defense personnel dropped from 26 percent in the 1950s to 21 percent in 1970, falling to 18 percent in the 1980s. The South and West, in contrast, increased their share from 74 percent in the 1950s to 82 percent in the 1980s.

The movement of military and civilian defense personnel from the Northeast and Midwest to the South and West has shifted federal salaries and wages. The Northeast-Midwest region has consistently ranked below the national average and well below its share of population or tax burden. On a per capita basis, the Northeast-Midwest region received only $142 in Department of Defense salaries and wages in fiscal 1990, compared to a U.S. per-capita level of $276.

In 1987, the most recent year in which comprehensive data are available, the United States had 871 military installations, including depots, forts, ammunition plants, arsenals, research sites, proving grounds, supply centers and hospitals. The Air Force had the most installations with 384, followed by the Navy with 242, the Army 206, the Marine Corps 25, and defense agencies 14. Among the states, Alabama had the most Army installations (18); California contained the most Navy (49), Marine Corps (8), and Air Force (34) installations. Alaska had 33 Air Force installations.

In 1987, the Northeast-Midwest region had 226 installations, or 26 percent of the national total. The New England subregion had 51 installations, with 22 in Massachusetts alone. The mid-Atlantic subregion had 103 installations, including 36 in New York and 27 in Maryland. The Midwest had 72, with 19 in Ohio and 15 in Illinois.

The South, with 303 installations, had one-third more than the entire Northeast-Midwest region. The state of Florida alone had more facilities than the entire New England subregion. The West, however, led all regions with 343 installations, with California the state leader with 105 installations.

Despite having a small share of military facilities, the Northeast-Midwest region assumed 53.7 percent of the personnel cuts required by the 1988 round of base closings. On April 12, 1991, Secretary Cheney submitted a list of recommended bases to be closed or realigned to the Base Closure and Realignment Commission. The independent Commission amended the list before forwarding it to President Bush on July 1, 1991. On July 10, the president approved the list and forwarded it in its entirety to Congress for approval. The identified bases will be closed or realigned unless Congress passes a law within 45 working days disapproving the list.

Defense-Related Civilian Employment

The level of defense-related civilian employment in a state or region provides some indication of the number of jobs that may be vulnerable to displacement if reductions in defense spending continue. A state's defense-related civilian employment must be compared to the state's total employment for insight into the employment impact of defense cutbacks. Defense-related civilian employment is composed of civilian employees of the Department of Defense and individuals employed in the private sector related to defense output, in particular jobs in manufacturing and engineering.

The Defense Department estimates that 3 percent of the civilian jobs in the United States in 1988 were related to defense. Defense-related civilian jobs totaled 3.4 million that year. The Northeast-Midwest had 1.3 million defense-related jobs, or 38.3 percent of the U.S. total. The majority of the region's civilian defense jobs were concentrated in the Northeast, particularly in the mid-Atlantic area. The South had 27.9 percent of the national total, and the West's share was 33.8 percent. Together the South and West accounted for more than 2 million defense-related jobs in 1988.

Within the Northeast-Midwest, the New England subregion had the largest share of its jobs related to defense -- 5.8 percent of its total employment. This was due to employment patterns in the states of Connecticut and Massachusetts, where 7.9 and 7.0 percent respectively, of all the jobs were tied to defense. The share of defense-related jobs in Connecticut was higher than that of any other state. In terms of all U.S. defense-related employment, Massachusetts had 6.3 percent of the nation's defense jobs and Connecticut had 3.9 percent. New England had 11.5 percent of all U.S. defense jobs.

The mid-Atlantic subregion had the largest share of U.S. defense jobs, at 15.9 percent of the national total. New York alone accounted for 7.0 percent of all U.S. defense-related jobs. In terms of total employment in the mid-Atlantic states, defense-related jobs accounted for 2.7 percent of the jobs in 1988. Among these states, Maryland had the highest percentage of its employment tied to defense -- 5.0 percent.

The Midwest subregion had by far the smallest percentage of its total jobs related to defense. The midwestern states together had the highest number of employed persons in for the Northeast-Midwest region, but the fewest number of defense related jobs. Only 1.6 percent of all Midwest jobs related to defense, and only 10.9 percent of the nation's defense-related employment occurred in the Midwest. Ohio led the Midwest, with 3.8 percent of all U.S. defense-related jobs, and Ohio and Minnesota tied in the percentage of their state's jobs related to defense -- 2.6 percent.

The South accounted for 31 percent of the total jobs in the nation in 1988 and 27.9 percent of all U.S. defense-related jobs. Of all the jobs in the South, 2.6 percent were defense-related. The state of Texas had 7.2 percent of all U.S. defense jobs, second in the nation and California. The District of Columbia and Virginia both had high percentages of defense-related jobs as a percent of all state jobs, 10.5 and 6.8 percent respectively.

The West had the largest share of all U.S. defense jobs, accounting for 1.1 million, or 33.8 percent of the national total in 1988. California's share - 19.3 percent-of U.S. defense-related employment was higher than that of any subregion within the Northeast-Midwest. Because of California's large labor force, however, defense-related jobs made up only 4.9 percent of the state's total employment. Missouri had the highest level for the western states, at 6.0 percent.

Military Construction

Military construction funding varies from year to year because of changing needs among specific installations. Such funds tend to be spent where the military plans to expand operations.

From the perspective of military construction, the Northeast-Midwest region again fares poorly, having received a small share of such funds from 1981 to 1989. Although the region maintained 26 percent of total U.S. military installations, it obtained only 19.4 percent of construction funds during this period. Among the three subregions, the mid-Atlantic fared best, while New England ranked lowest.

The South and West, in contrast, received 80.6 percent of military construction funding from 1981 to 1989. The South, which had 34.8 percent of U.S. military installations, obtained 37.4 percent of construction funding. The West, with 39.9 percent of the installations, received 43.2 percent of the construction outlays.

Tables and Charts

DOD Prime Contracts 1951-1989

State or Region	1951	1955	1960	1965	1970	1975	1980	1985	1989
New England									
Connecticut	1,724,439	937,038	838,535	1,180,111	1,237,408	2,348,567	3,867,188	5,540,829	6,081,021
Maine	90,642	84,454	32,216	68,771	55,903	55,511	456,734	955,447	369,626
Massachusetts	894,637	332,003	1,070,436	1,178,729	1,199,800	1,770,288	3,729,145	7,707,010	8,744,008
New Hampshire	73,608	31,712	72,272	52,400	98,747	188,920	305,286	677,730	471,076
Rhode Island	204,384	48,159	26,081	86,323	93,716	73,525	261,041	428,167	416,354
Vermont	22,872	12,523	18,746	32,202	43,631	122,962	124,506	161,276	162,595
Total	3,010,582	1,445,889	2,058,286	2,598,536	2,729,205	4,559,773	8,743,900	15,470,459	16,244,680
Mid-Atlantic									
Delaware	12,256	182,807	53,352	38,239	21,613	50,012	239,628	259,236	158,753
Maryland	595,806	247,235	515,887	584,333	728,981	802,254	1,783,998	4,578,676	3,844,497
New Jersey	1,586,819	985,016	1,274,664	820,309	1,007,397	990,929	1,517,060	3,831,795	3,284,471
New York	5,378,758	2,128,452	2,377,522	2,229,473	3,075,916	3,743,942	5,647,704	10,007,004	6,546,787
Pennsylvania	1,418,668	629,339	671,314	988,811	1,174,230	1,066,737	2,166,190	4,122,966	2,764,139
Total	8,992,307	4,172,849	4,892,739	4,661,165	6,008,137	6,653,874	11,354,580	22,799,677	16,598,647
Midwest									
Illinois	1,585,630	639,205	385,053	421,899	721,256	493,964	944,812	1,585,167	1,218,287
Indiana	1,866,767	462,028	310,632	604,925	906,199	811,702	1,289,812	3,172,026	1,753,363
Iowa	249,715	101,080	147,443	133,951	228,197	174,989	283,324	576,271	418,013
Michigan	2,470,032	35,712	600,947	532,897	562,786	766,063	1,695,844	2,770,422	1,255,716
Minnesota	223,724	133,377	192,984	259,500	604,611	437,566	1,048,530	2,277,859	1,761,187
Ohio	2,219,754	883,241	907,068	863,113	1,005,779	1,013,876	1,616,918	4,613,821	5,053,413
Wisconsin	633,510	81,727	167,214	203,003	371,132	236,794	366,107	1,059,646	1,073,428
Total	9,249,132	2,336,370	2,711,341	3,019,288	4,399,960	3,934,954	7,245,347	16,055,212	12,533,407
South									
Alabama	147,933	153,847	103,371	165,176	315,950	416,596	625,864	1,378,999	1,305,531
Arkansas	52,476	33,089	10,891	39,284	69,823	48,149	122,159	783,768	331,331
District of Columbia	312,928	79,093	95,499	247,576	316,109	528,723	590,257	1,090,448	1,229,312
Florida	75,101	114,947	489,803	633,332	848,758	1,030,015	1,984,335	5,229,226	4,424,027
Georgia	182,192	232,462	177,924	662,417	949,169	630,005	883,694	3,461,051	1,829,823
Kentucky	69,500	53,544	32,741	42,749	56,538	166,756	244,913	477,717	309,151
Louisiana	181,307	124,484	197,157	255,834	299,349	477,482	480,006	1,939,863	1,471,639
Mississippi	42,278	81,035	46,946	152,188	509,068	972,801	635,953	1,212,887	1,160,690
North Carolina	209,813	147,023	172,899	288,408	448,783	396,752	651,380	994,162	1,101,328
Oklahoma	84,291	71,151	146,519	119,803	152,342	215,329	419,982	583,653	641,409
South Carolina	118,070	37,312	31,314	81,580	124,304	203,800	296,753	464,441	545,581
Tennessee	206,645	121,240	109,396	197,283	399,420	359,580	519,704	749,061	1,088,248
Texas	658,587	434,971	1,138,026	1,446,769	2,773,927	2,023,746	5,344,938	10,451,631	9,136,350
Virginia	230,484	121,258	422,164	469,097	634,298	1,206,616	3,343,615	6,151,866	5,858,976
West Virginia	38,464	33,418	36,098	90,312	45,858	73,888	85,797	58,302	125,665
Total	2,610,069	1,838,874	3,210,748	4,891,808	7,943,696	8,752,238	16,229,350	35,027,075	30,559,061

DOD Prime Contracts 1951-1989 (continued)

State or Region	1951	1955	1960	1965	1970	1975	1980	1985	1989
West									
Alaska	n/a	n/a	78,649	74,175	76,285	131,818	250,899	518,669	522,337
Arizona	51,961	48,809	168,974	176,857	277,062	667,745	727,193	2,000,444	2,835,519
California	3,897,915	2,813,676	4,839,252	5,153,639	5,823,864	7,907,977	13,852,612	29,036,422	23,064,102
Colorado	64,838	27,981	246,749	249,151	217,523	293,803	509,859	1,558,852	2,921,402
Hawaii	n/a	n/a	48,971	72,213	109,034	298,601	315,251	616,884	570,715
Idaho	13,919	6,771	46,630	11,724	10,856	10,104	19,456	40,653	74,122
Kansas	301,772	342,012	573,563	229,051	230,411	504,566	775,346	2,130,180	948,213
Missouri	492,404	17,655	336,668	1,060,781	898,163	1,361,409	3,191,183	7,559,771	6,239,994
Montana	9,777	15,235	27,058	69,375	24,543	-5,100	31,762	99,678	78,075
Nebraska	94,145	47,177	71,034	42,708	73,345	49,060	99,675	181,661	217,021
Nevada	2,019	8,554	8,965	19,142	16,333	44,875	50,254	127,481	230,112
New Mexico	33,827	39,746	77,707	84,137	88,020	93,612	286,126	489,569	615,676
North Dakota	2,966	5,280	8,683	48,997	188,783	175,671	69,266	202,702	120,515
Oregon	98,825	22,334	23,963	39,624	90,346	58,866	130,971	194,950	171,513
South Dakota	10,891	7,966	43,591	21,062	10,180	18,867	16,942	75,048	65,667
Utah	32,869	28,502	176,394	191,173	162,387	140,736	250,881	788,102	968,799
Washington	638,944	740,436	715,087	545,607	384,053	1,637,012	2,109,804	3,498,041	2,904,660
Wyoming	10,407	5,444	41,754	7,867	14,493	28,968	33,188	124,449	67,013
Total	5,757,479	4,177,578	7,533,692	8,097,283	8,695,681	13,418,590	22,720,668	49,243,556	42,615,455
Northeast	12,002,889	5,618,738	6,951,025	7,259,701	8,737,342	11,213,647	20,098,480	38,270,136	32,843,327
Midwest	9,249,132	2,336,370	2,711,341	3,019,288	4,399,960	3,934,954	7,245,347	16,055,212	12,533,407
Northeast and Midwest	21,252,021	7,955,108	9,662,366	10,278,989	13,137,302	15,148,601	27,343,827	54,325,348	45,376,734
South	2,610,069	1,838,874	3,210,748	4,891,808	7,943,696	8,752,238	16,229,350	35,027,075	30,559,061
West	5,757,479	4,177,578	7,533,692	8,097,283	8,695,681	13,418,590	22,720,668	49,243,556	42,615,455
South and West	8,367,548	6,016,452	10,744,440	12,989,091	16,639,377	22,170,828	38,950,018	84,270,631	73,174,516
U.S. TOTAL	29,619,569	13,971,560	20,406,806	23,268,080	29,776,679	37,319,429	66,293,845	138,595,979	118,551,250

Source: Staff calculations from the U.S. Department of Defense, Washington Headquarters Services (DIOR)

Percent of US DOD Prime Contracts 1951 to 1989
(in thousands)

State or Region	1951	1955	1960	1965	1970	1975	1980	1985	1989
New England									
Connecticut	5.8%	6.7%	4.1%	5.1%	4.2%	6.3%	5.8%	4.0%	5.1%
Maine	0.3%	0.6%	0.2%	0.3%	0.2%	0.1%	0.7%	0.7%	0.3%
Massachusetts	3.0%	2.4%	5.2%	5.1%	4.0%	4.7%	5.6%	5.6%	7.4%
New Hampshire	0.2%	0.2%	0.4%	0.2%	0.3%	0.5%	0.5%	0.5%	0.4%
Rhode Island	0.7%	0.3%	0.1%	0.4%	0.3%	0.2%	0.4%	0.3%	0.4%
Vermont	0.1%	0.1%	0.1%	0.1%	0.1%	0.3%	0.2%	0.1%	0.1%
Total	10.2%	10.3%	10.1%	11.2%	9.2%	12.2%	13.2%	11.2%	13.7%
Mid-Atlantic									
Delaware	0.0%	1.3%	0.3%	0.2%	0.1%	0.1%	0.4%	0.2%	0.1%
Maryland	2.0%	1.8%	2.5%	2.5%	2.4%	2.1%	2.7%	3.3%	3.2%
New Jersey	5.4%	7.1%	6.2%	3.5%	3.4%	2.7%	2.3%	2.8%	2.8%
New York	18.2%	15.2%	11.7%	9.6%	10.3%	10.0%	8.5%	7.2%	5.5%
Pennsylvania	4.8%	4.5%	3.3%	4.2%	3.9%	2.9%	3.3%	3.0%	2.3%
Total	30.4%	29.9%	24.0%	20.0%	20.2%	17.8%	17.1%	16.5%	14.0%
Midwest									
Illinois	5.4%	4.6%	1.9%	1.8%	2.4%	1.3%	1.4%	1.1%	1.0%
Indiana	6.3%	3.3%	1.5%	2.6%	3.0%	2.2%	1.9%	2.3%	1.5%
Iowa	0.8%	0.7%	0.7%	0.6%	0.8%	0.5%	0.4%	0.4%	0.4%
Michigan	8.3%	0.3%	2.9%	2.3%	1.9%	2.1%	2.6%	2.0%	1.1%
Minnesota	0.8%	1.0%	0.9%	1.1%	2.0%	1.2%	1.6%	1.6%	1.5%
Ohio	7.5%	6.3%	4.4%	3.7%	3.4%	2.7%	2.4%	3.3%	4.3%
Wisconsin	2.1%	0.6%	0.8%	0.9%	1.2%	0.6%	0.6%	0.8%	0.9%
Total	31.2%	16.7%	13.3%	13.0%	14.8%	10.5%	10.9%	11.6%	10.6%
South									
Alabama	0.5%	1.1%	0.5%	0.7%	1.1%	1.1%	0.9%	1.0%	1.1%
Arkansas	0.2%	0.2%	0.1%	0.2%	0.2%	0.1%	0.2%	0.6%	0.3%
District of Columbia	1.1%	0.6%	0.5%	1.1%	1.1%	1.4%	0.9%	0.8%	1.0%
Florida	0.3%	0.8%	2.4%	2.7%	2.9%	2.8%	3.0%	3.8%	3.7%
Georgia	0.6%	1.7%	0.9%	2.8%	3.2%	1.7%	1.3%	2.5%	1.5%
Kentucky	0.2%	0.4%	0.2%	0.2%	0.2%	0.4%	0.4%	0.3%	0.3%
Louisiana	0.6%	0.9%	1.0%	1.1%	1.0%	1.3%	0.7%	1.4%	1.2%
Mississippi	0.1%	0.6%	0.2%	0.7%	1.7%	2.6%	1.0%	0.9%	1.0%
North Carolina	0.7%	1.1%	0.8%	1.2%	1.5%	1.1%	1.0%	0.7%	0.9%
Oklahoma	0.3%	0.5%	0.7%	0.5%	0.5%	0.6%	0.6%	0.4%	0.5%
South Carolina	0.4%	0.3%	0.2%	0.4%	0.4%	0.5%	0.4%	0.3%	0.5%
Tennessee	0.7%	0.9%	0.5%	0.8%	1.3%	1.0%	0.8%	0.5%	0.9%
Texas	2.2%	3.1%	5.6%	6.2%	9.3%	5.4%	8.1%	7.5%	7.7%
Virginia	0.8%	0.9%	2.1%	2.0%	2.1%	3.2%	5.0%	4.4%	4.9%
West Virginia	0.1%	0.2%	0.2%	0.4%	0.2%	0.2%	0.1%	0.0%	0.1%
Total	8.8%	13.2%	15.7%	21.0%	26.7%	23.5%	24.5%	25.3%	25.8%

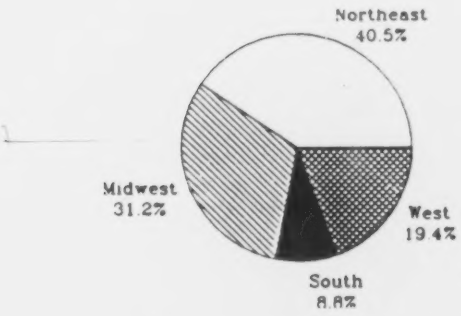
Percent of US DOD Prime Contracts 1951 to 1989 (continued)
(in thousands)

State or Region	1951	1955	1960	1965	1970	1975	1980	1985	1989
West									
Alaska	0.0%	0.0%	0.4%	0.3%	0.3%	0.4%	0.4%	0.4%	0.4%
Arizona	0.2%	0.3%	0.8%	0.8%	0.9%	1.8%	1.1%	1.4%	2.4%
California	13.2%	20.1%	23.7%	22.1%	19.6%	21.2%	20.9%	21.0%	19.5%
Colorado	0.2%	0.2%	1.2%	1.1%	0.7%	0.8%	0.8%	1.1%	2.5%
Hawaii	0.0%	0.0%	0.2%	0.3%	0.4%	0.8%	0.5%	0.4%	0.5%
Idaho	0.0%	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%
Kansas	1.0%	2.4%	2.8%	1.0%	0.8%	1.4%	1.2%	1.5%	0.8%
Missouri	1.7%	0.1%	1.6%	4.6%	3.0%	3.6%	4.8%	5.5%	5.3%
Montana	0.0%	0.1%	0.1%	0.3%	0.1%	0.0%	0.0%	0.1%	0.1%
Nebraska	0.3%	0.3%	0.3%	0.2%	0.2%	0.1%	0.2%	0.1%	0.2%
Nevada	0.0%	0.1%	0.0%	0.1%	0.1%	0.1%	0.1%	0.1%	0.2%
New Mexico	0.1%	0.3%	0.4%	0.4%	0.3%	0.3%	0.4%	0.4%	0.5%
North Dakota	0.0%	0.0%	0.0%	0.2%	0.6%	0.5%	0.1%	0.1%	0.1%
Oregon	0.3%	0.2%	0.1%	0.2%	0.3%	0.2%	0.2%	0.1%	0.1%
South Dakota	0.0%	0.1%	0.2%	0.1%	0.0%	0.1%	0.0%	0.1%	0.1%
Utah	0.1%	0.2%	0.9%	0.8%	0.5%	0.4%	0.4%	0.6%	0.8%
Washington	2.2%	5.3%	3.5%	2.3%	1.3%	4.4%	3.2%	2.5%	2.5%
Wyoming	0.0%	0.0%	0.2%	0.0%	0.0%	0.1%	0.1%	0.1%	0.1%
Total	19.4%	29.9%	36.9%	34.8%	29.2%	36.0%	34.3%	35.5%	35.9%
Northeast	40.5%	40.2%	34.1%	31.2%	29.3%	30.0%	30.3%	27.6%	27.7%
Midwest	31.2%	16.7%	13.3%	13.0%	14.8%	10.5%	10.9%	11.6%	10.6%
Northeast and Midwest	71.7%	56.9%	47.3%	44.2%	44.1%	40.6%	41.2%	39.2%	38.3%
South	8.8%	13.2%	15.7%	21.0%	26.7%	23.5%	24.5%	25.3%	25.8%
West	19.4%	29.9%	36.9%	34.8%	29.2%	36.0%	34.3%	35.5%	35.9%
South and West	28.3%	43.1%	52.7%	55.8%	55.9%	59.4%	58.8%	60.8%	61.7%
U.S. Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

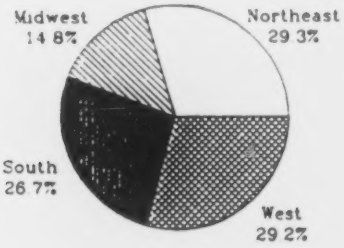
Source: Staff Calculations from the U.S. Department of Defense, Washington Headquarters Services (DIOR).

Percent of U.S. DOD Prime Contracts

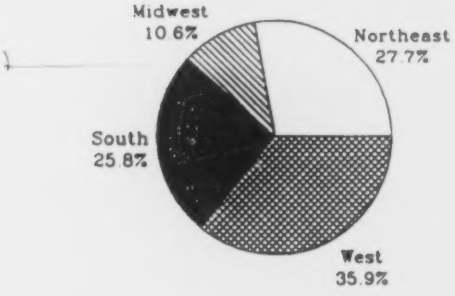
1951



1970

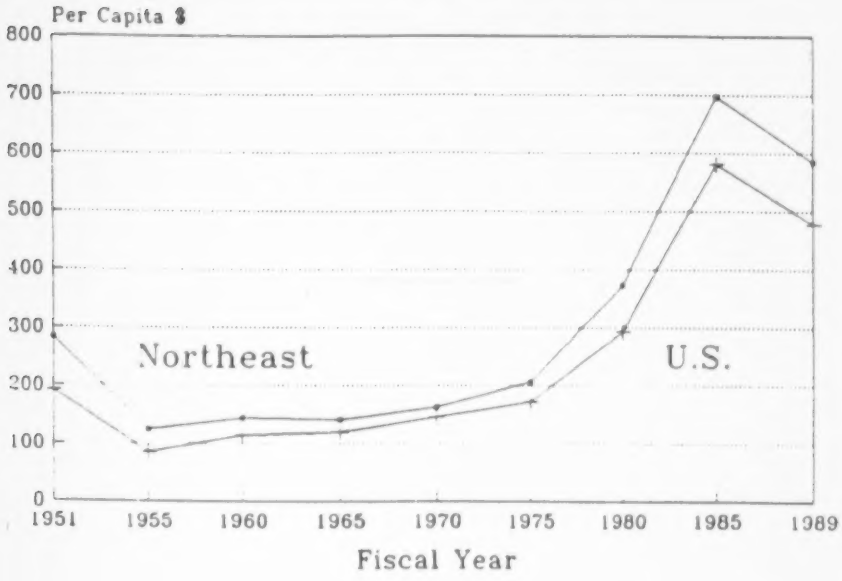


1989

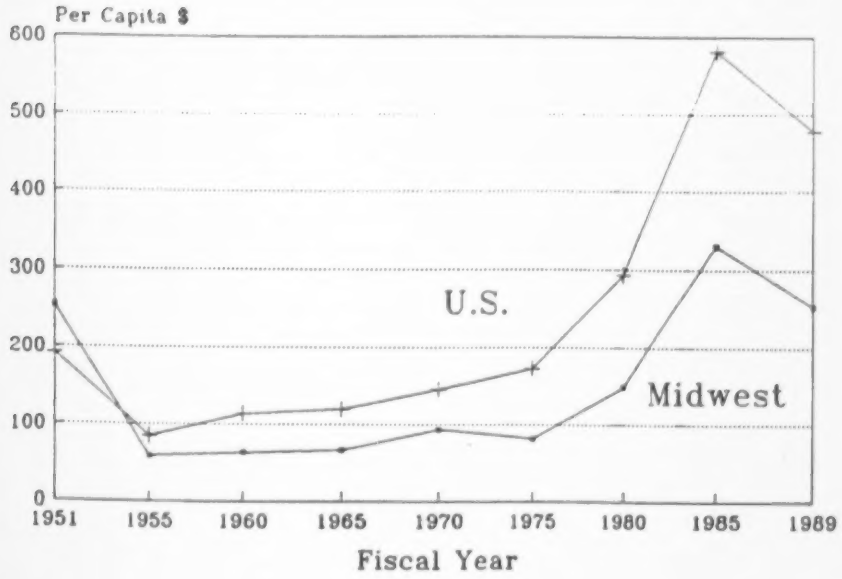


SOURCE: Staff calculations from the U.S. Department of Defense, Washington Headquarters Service, *Military Prime Contract Awards by State, FY 1951 to 1983*, and *Atlas/State Data Abstract FY 1984-1989*.

DOD Prime Contract Awards on a Per Capita Basis FY 1951-1989

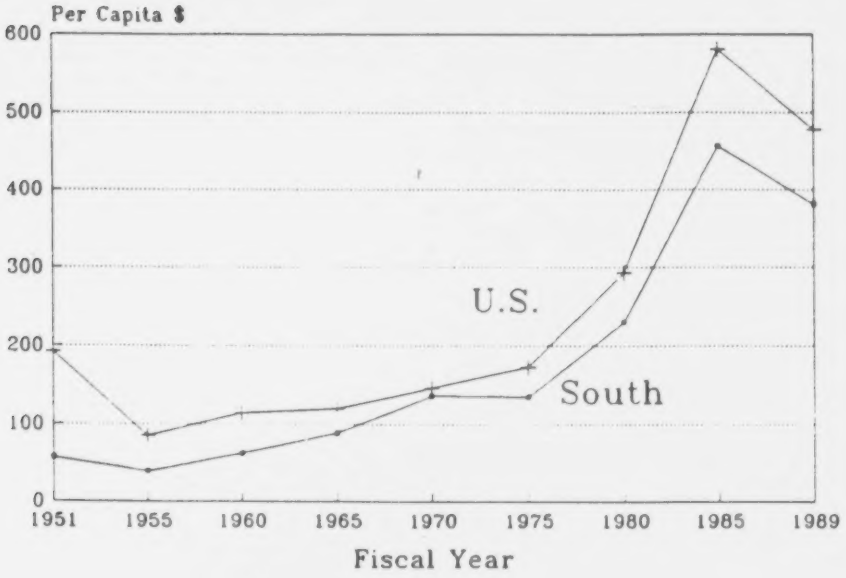


DOD Prime Contract Awards on a Per Capita Basis FY 1951-1989

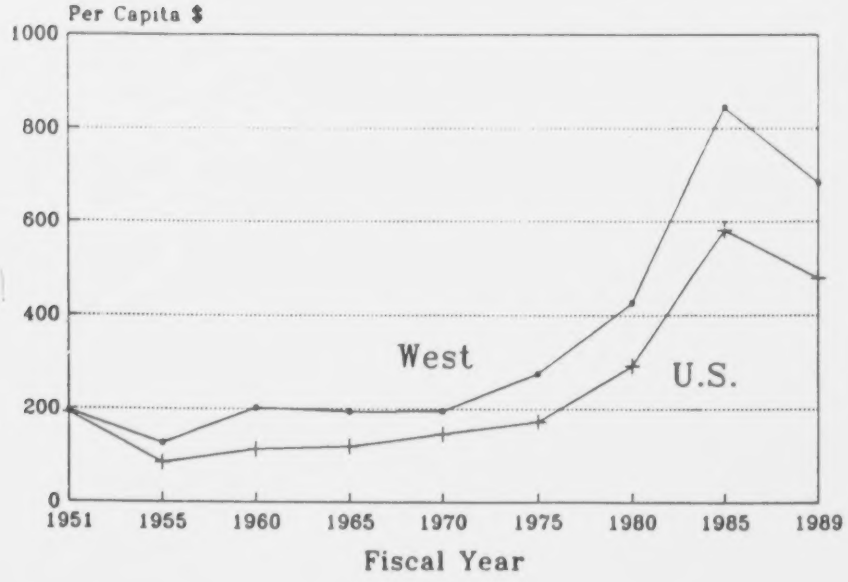


Source: See appendix

DOD Prime Contract Awards on a Per Capita Basis FY 1951-1989

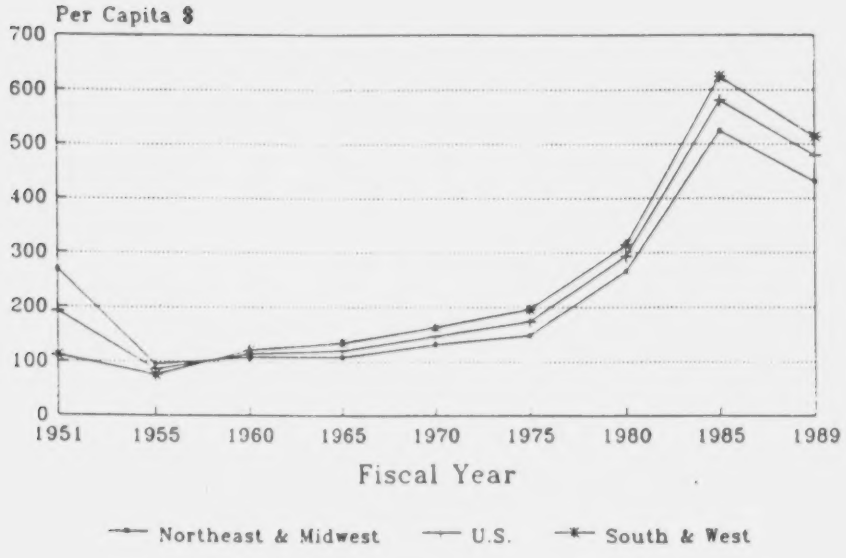


DOD Prime Contract Awards on a Per Capita Basis FY 1951-1989



Source: See appendix

DOD Prime Contract Awards on a Per Capita Basis FY 1951-1989



Source: See appendix

Per Capita DOD Prime Contracts 1951-1989

State or Region	1951	1955	1960	1965	1970	1975	1980	198[illegible]	1989
New England									
Connecticut	850	407	331	413	408	762	1,244	1[illegible]	1,877
Maine	99	90	33	69	56	52	406	[illegible]0	302
Massachusetts	192	68	208	214	211	307	650	1,324	1,479
New Hampshire	139	57	119	78	134	228	331	679	426
Rhode Island	261	59	30	97	99	78	276	443	417
Vermont	61	33	48	80	98	256	244	301	287
Total	324	146	196	229	230	375	708	1,222	1,245
Mid-Atlantic									
Delaware	37	470	120	75	39	85	403	417	236
Maryland	244	90	166	162	186	194	423	1,043	819
New Jersey	317	179	210	121	140	135	206	506	425
New York	361	133	142	126	169	208	322	563	365
Pennsylvania	136	58	59	85	100	90	183	348	230
Total	271	117	130	116	144	159	273	540	385
Midwest									
Illinois	180	68	38	39	65	44	83	137	105
Indiana	456	106	67	123	174	151	235	577	313
Iowa	95	38	53	49	81	61	97	200	147
Michigan	380	5	77	64	63	84	183	305	135
Minnesota	74	42	57	72	159	111	257	544	405
Ohio	275	98	93	85	94	94	150	429	463
Wisconsin	184	22	42	48	84	52	78	222	221
Total	253	59	64	67	94	82	149	330	253
South									
Alabama	48	50	32	48	92	113	161	343	317
Arkansas	28	19	6	21	36	22	53	332	138
District of Columbia	387	101	125	311	418	748	925	1,750	2,035
Florida	25	31	99	106	125	121	204	460	349
Georgia	52	64	45	153	207	124	162	579	284
Kentucky	24	18	11	14	18	48	67	128	83
Louisiana	65	42	61	73	82	123	114	433	336
Mississippi	20	39	22	68	230	406	252	464	443
North Carolina	51	35	38	59	88	72	111	159	168
Oklahoma	38	32	63	49	60	78	139	176	199
South Carolina	54	17	13	33	48	70	95	139	155
Tennessee	61	36	31	52	102	84	113	157	220
Texas	81	50	119	139	248	161	376	638	538
Virginia	67	34	106	106	136	239	625	1,079	961
West Virginia	19	18	19	51	26	40	44	30	68
Total	57	39	62	88	136	135	230	456	381

Per Capita DOD Prime Contracts 1951-1989

State or Region	1951	1955	1960	1965	1970	1975	1980	1985	1989
West									
Alaska	n/a	n/a	348	274	252	351	624	994	991
Arizona	66	49	130	112	156	292	268	633	797
California	350	214	308	277	292	367	585	1,102	794
Colorado	49	18	141	126	98	114	176	482	881
Hawaii	n/a	n/a	77	103	142	337	327	587	513
Idaho	24	11	70	17	15	12	21	40	73
Kansas	155	163	263	104	102	221	328	870	377
Missouri	123	4	78	237	192	283	649	1,502	1,210
Montana	16	24	40	98	35	(7)	40	121	97
Nebraska	72	34	50	29	49	32	63	113	135
Nevada	12	36	31	43	33	72	63	136	207
New Mexico	47	51	82	83	87	81	220	338	403
North Dakota	5	9	14	75	305	275	106	296	183
Oregon	64	13	14	20	43	25	50	72	61
South Dakota	17	12	64	30	15	28	25	106	92
Utah	47	36	198	193	153	114	172	479	568
Washington	264	284	251	184	113	452	511	794	610
Wyoming	36	18	127	24	44	76	71	244	141
Total	195	127	202	194	195	276	426	845	682
Northeast	283	124	144	141	163	207	373	697	585
Midwest	253	59	64	67	94	82	149	330	253
Northeast and Midwest	269	94	107	107	131	148	266	524	430
South	57	39	62	88	136	135	230	456	381
West	195	127	202	194	195	276	426	845	682
South and West	111	75	121	134	162	196	314	624	513
U.S. TOTAL	192	85	114	120	146	173	293	581	478

Source: Staff calculations from the U.S. Department of Defense, Washington Headquarters Services (DIOR)

DOD Military and Civilian Personnel 1953-1989

State or Region	1953	1955	1960	1965	1970	1975	1980	198	1989
New England									
Connecticut	4,742	4,905	8,569	6,827	9,192	8,350	9,654	11,[illegible]0	11,694
Maine	10,708	14,158	15,933	13,933	8,388	7,709	7,049	15,[illegible]3	16,331
Massachusetts	75,215	64,005	60,847	53,259	42,304	22,716	20,959	21,749	21,818
New Hampshire	12,469	10,947	18,472	15,861	14,260	12,831	13,064	5,924	5,463
Rhode Island	18,250	16,567	15,838	15,358	16,792	8,864	7,492	8,752	8,571
Vermont	1,371	1,562	778	361	687	702	509	680	654
Total	122,755	112,144	120,437	105,599	91,623	61,172	58,727	64,568	64,531
Mid-Atlantic									
Delaware	3,951	8,157	9,005	8,458	8,284	7,625	6,920	6,458	6,449
Maryland	91,789	85,697	60,264	63,332	72,458	49,156	45,196	50,039	46,473
New Jersey	100,934	73,235	67,492	61,942	81,615	50,234	46,518	47,935	39,505
New York	129,322	131,014	92,838	79,725	50,324	44,395	36,180	40,786	49,096
Pennsylvania	117,240	97,767	83,488	81,975	80,077	63,306	56,958	62,454	57,926
Total	443,236	395,870	313,087	295,432	292,758	214,716	191,772	207,672	199,449
Midwest									
Illinois	93,771	98,790	74,362	75,551	78,801	62,042	61,457	63,538	59,933
Indiana	49,156	21,084	19,484	20,972	24,189	22,910	19,056	22,012	21,347
Iowa	2,215	2,456	1,620	2,075	1,835	2,030	1,830	1,944	1,824
Michigan	26,219	23,036	24,547	31,513	26,799	24,696	20,116	20,971	21,788
Minnesota	5,969	6,551	6,895	7,272	6,959	5,558	4,694	3,699	4,465
Ohio	72,009	65,668	56,952	55,891	57,296	46,249	42,433	48,133	47,520
Wisconsin	4,854	5,000	7,204	6,515	5,248	3,884	4,288	4,064	4,178
Total	254,193	222,585	191,064	199,789	201,127	167,369	153,874	164,361	161,055
South									
Alabama	72,519	57,167	62,101	57,284	54,242	48,723	54,092	50,413	46,911
Arkansas	24,779	22,734	12,330	13,859	13,679	14,745	14,078	14,593	14,118
District of Columbia	161,453	154,719	134,672	141,804	174,458	144,064	135,008	144,110	153,034
Florida	100,813	93,980	79,941	95,123	106,277	94,391	95,348	106,169	111,631
Georgia	114,403	113,980	102,271	127,543	116,637	78,848	108,265	104,746	103,199
Kentucky	92,049	69,549	58,489	60,951	59,786	56,607	52,159	55,575	52,854
Louisiana	52,607	30,543	26,568	40,865	41,611	35,669	31,886	35,016	33,751
Mississippi	30,963	31,141	27,993	27,496	28,150	28,496	29,383	27,587	27,924
North Carolina	102,742	100,284	82,223	97,293	117,555	101,690	98,213	115,014	107,775
Oklahoma	62,754	57,751	55,413	59,597	68,610	52,352	52,410	57,955	52,556
South Carolina	67,921	64,753	61,383	65,499	71,409	70,888	70,489	64,918	62,319
Tennessee	31,059	27,076	24,605	24,606	22,510	20,498	19,608	18,291	17,622
Texas	281,922	270,337	224,635	225,150	243,375	206,537	196,101	193,825	189,303
Virginia	148,292	113,252	96,210	104,685	109,503	103,242	105,518	118,236	120,093
West Virginia	2,096	2,062	1,792	1,654	1,855	1,921	2,083	2,040	2,369
Total	1,346,372	1,209,328	1,050,626	1,143,409	1,229,657	1,058,671	1,064,641	1,108,488	1,095,459

DOD Military and Civilian Personnel 1953-1989 (continued)

State or Region	1953	1955	1960	1965	1970	1975	1980	1985	1989
West									
Alaska	0	0	38,230	37,173	35,728	27,449	24,692	25,380	27,895
Arizona	22,623	30,554	25,437	28,420	36,554	35,749	32,569	31,069	37,440
California	473,904	386,582	348,320	351,636	412,960	341,961	317,834	342,757	335,683
Colorado	50,441	56,141	42,771	49,871	61,935	60,435	49,456	51,039	54,378
Hawaii	0	0	54,699	59,148	55,366	60,537	62,593	68,232	64,038
Idaho	5,590	4,417	5,388	5,843	6,206	6,899	6,795	6,918	6,500
Kansas	51,180	45,867	40,370	34,485	42,530	32,036	31,824	30,655	31,814
Missouri	53,760	47,738	45,611	45,619	54,241	43,967	37,383	37,063	40,281
Montana	5,779	5,495	7,590	10,556	7,523	7,199	5,849	4,964	5,927
Nebraska	13,576	18,665	19,307	20,403	16,120	15,682	15,726	16,621	17,872
Nevada	10,242	11,422	10,244	10,221	12,308	11,529	11,571	11,821	12,471
New Mexico	35,052	34,223	34,629	32,617	27,717	24,983	24,759	26,251	24,171
North Dakota	1,173	1,248	6,090	13,692	14,048	14,464	12,231	13,079	12,704
Oregon	7,471	6,932	8,506	8,375	6,492	4,614	4,123	3,889	3,862
South Dakota	8,498	6,709	6,902	7,917	6,902	7,299	7,322	7,255	8,439
Utah	28,266	24,781	21,531	23,977	30,702	26,415	26,914	29,813	27,849
Washington	106,512	96,806	71,518	67,857	81,834	63,904	63,741	73,178	69,931
Wyoming	12,946	11,654	3,355	5,174	4,328	4,732	4,585	4,825	4,977
Total	887,013	789,234	790,498	812,984	913,494	789,854	739,967	784,809	786,232
Northeast	565,991	508,014	433,524	401,031	384,381	275,888	250,499	272,240	263,980
Midwest	254,193	222,585	191,064	199,789	201,127	167,369	153,874	164,361	161,055
Northeast and Midwest	820,184	730,599	624,588	600,820	585,508	443,257	404,373	436,601	425,035
South	1,346,372	1,209,328	1,050,626	1,143,409	1,229,657	1,058,671	1,064,641	1,108,488	1,095,459
West	887,013	789,234	790,498	812,984	913,494	789,854	739,967	784,809	786,232
South and West	2,233,385	1,998,562	1,841,124	1,956,393	2,143,151	1,848,525	1,804,608	1,893,297	1,881,691
U.S. Total	3,053,569	2,729,161	2,465,712	2,557,213	2,728,659	2,291,782	2,208,981	2,329,898	2,306,726

Source: Staff Calculations from the U.S. Department of Defense, Washington Headquarters Services (DIOR).

Percent of U.S. DOD Military and Civilian Personnel 1953-1989

State or Region	1953	1955	1960	1965	1970	1975	1980	1985	1989
New England									
Connecticut	0.2%	0.2%	0.3%	0.3%	0.3%	0.4%	0.4%	0.5%	0.5%
Maine	0.4%	0.5%	0.6%	0.5%	0.3%	0.3%	0.3%	0.7%	0.7%
Massachusetts	2.5%	2.3%	2.5%	2.1%	1.6%	1.0%	0.9%	0.9%	0.9%
New Hampshire	0.4%	0.4%	0.7%	0.6%	0.5%	0.6%	0.6%	0.3%	0.2%
Rhode Island	0.6%	0.6%	0.6%	0.6%	0.6%	0.4%	0.3%	0.4%	0.4%
Vermont	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total	4.0%	4.1%	4.9%	4.1%	3.4%	2.7%	2.7%	2.8%	2.8%
Mid-Atlantic									
Delaware	0.1%	0.3%	0.4%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%
Maryland	3.0%	3.1%	2.4%	2.5%	2.7%	2.1%	2.0%	2.1%	2.0%
New Jersey	3.3%	2.7%	2.7%	2.4%	3.0%	2.2%	2.1%	2.1%	1.7%
New York	4.2%	4.8%	3.8%	3.1%	1.8%	1.9%	1.6%	1.8%	2.1%
Pennsylvania	3.8%	3.6%	3.4%	3.2%	2.9%	2.8%	2.6%	2.7%	2.5%
Total	14.5%	14.5%	12.7%	11.6%	10.7%	9.4%	8.7%	8.9%	8.6%
Midwest									
Illinois	3.1%	3.6%	3.0%	3.0%	2.9%	2.7%	2.8%	2.7%	2.6%
Indiana	1.6%	0.8%	0.8%	0.8%	0.9%	1.0%	0.9%	0.9%	0.9%
Iowa	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%
Michigan	0.9%	0.8%	1.0%	1.2%	1.0%	1.1%	0.9%	0.9%	0.9%
Minnesota	0.2%	0.2%	0.3%	0.3%	0.3%	0.2%	0.2%	0.2%	0.2%
Ohio	2.4%	2.4%	2.3%	2.2%	2.1%	2.0%	1.9%	2.1%	2.1%
Wisconsin	0.2%	0.2%	0.3%	0.3%	0.2%	0.2%	0.2%	0.2%	0.2%
Total	8.3%	8.2%	7.7%	7.8%	7.4%	7.3%	7.0%	7.1%	7.0%
South									
Alabama	2.4%	2.1%	2.5%	2.2%	2.0%	2.1%	2.4%	2.2%	2.0%
Arkansas	0.8%	0.8%	0.5%	0.5%	0.5%	0.6%	0.6%	0.6%	0.6%
District of Columbia	5.3%	5.7%	5.5%	5.5%	6.4%	6.3%	6.1%	6.2%	6.6%
Florida	3.3%	3.4%	3.2%	3.7%	3.9%	4.1%	4.3%	4.6%	4.8%
Georgia	3.7%	4.2%	4.1%	5.0%	4.3%	3.4%	4.9%	4.5%	4.5%
Kentucky	3.0%	2.5%	2.4%	2.4%	2.2%	2.5%	2.4%	2.4%	2.3%
Louisiana	1.7%	1.1%	1.1%	1.6%	1.5%	1.6%	1.4%	1.5%	1.5%
Mississippi	1.0%	1.1%	1.1%	1.1%	1.0%	1.2%	1.3%	1.2%	1.2%
North Carolina	3.4%	3.7%	3.3%	3.8%	4.3%	4.4%	4.4%	4.9%	4.7%
Oklahoma	2.1%	2.1%	2.2%	2.3%	2.5%	2.3%	2.4%	2.5%	2.3%
South Carolina	2.2%	2.4%	2.5%	2.6%	2.6%	3.1%	3.2%	2.8%	2.7%
Tennessee	1.0%	1.0%	1.0%	1.0%	0.8%	0.9%	0.9%	0.8%	0.8%
Texas	9.2%	9.9%	9.1%	8.8%	8.9%	9.0%	8.9%	8.3%	8.2%
Virginia	4.9%	4.1%	3.9%	4.1%	4.0%	4.5%	4.8%	5.1%	5.2%
West Virginia	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%
Total	44.1%	44.3%	42.6%	44.7%	45.1%	46.2%	48.2%	47.6%	47.5%

Percent of U.S. DOD Military and Civilian Personnel 1953-1989 (continued)

State or Region	1953	1955	1960	1965	1970	1975	1980	1985	1989
West									
Alaska	0.0%	0.0%	1.6%	1.5%	1.3%	1.2%	1.1%	1.1%	1.2%
Arizona	0.7%	1.1%	1.0%	1.1%	1.3%	1.6%	1.5%	1.3%	1.6%
California	15.5%	14.2%	14.1%	13.8%	15.1%	14.9%	14.4%	14.7%	14.6%
Colorado	1.7%	2.1%	1.7%	2.0%	2.3%	2.6%	2.2%	2.2%	2.4%
Hawaii	0.0%	0.0%	2.2%	2.3%	2.0%	2.6%	2.8%	2.9%	2.8%
Idaho	0.2%	0.2%	0.2%	0.2%	0.2%	0.3%	0.3%	0.3%	0.3%
Kansas	1.7%	1.7%	1.6%	1.3%	1.6%	1.4%	1.4%	1.3%	1.4%
Missouri	1.8%	1.7%	1.8%	1.8%	2.0%	1.9%	1.7%	1.6%	1.7%
Montana	0.2%	0.2%	0.3%	0.4%	0.3%	0.3%	0.3%	0.2%	0.3%
Nebraska	0.4%	0.7%	0.8%	0.8%	0.6%	0.7%	0.7%	0.7%	0.8%
Nevada	0.3%	0.4%	0.4%	0.4%	0.5%	0.5%	0.5%	0.5%	0.5%
New Mexico	1.1%	1.3%	1.4%	1.3%	1.0%	1.1%	1.1%	1.1%	1.0%
North Dakota	0.0%	0.0%	0.2%	0.5%	0.5%	0.6%	0.6%	0.6%	0.6%
Oregon	0.2%	0.3%	0.3%	0.3%	0.2%	0.2%	0.2%	0.2%	0.2%
South Dakota	0.3%	0.2%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.4%
Utah	0.9%	0.9%	0.9%	0.9%	1.1%	1.2%	1.2%	1.3%	1.2%
Washington	3.5%	3.5%	2.9%	2.7%	3.0%	2.8%	2.9%	3.1%	3.0%
Wyoming	0.4%	0.4%	0.1%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%
Total	29.0%	28.9%	32.1%	31.8%	33.5%	34.5%	33.5%	33.7%	34.1%
Northeast	18.5%	18.6%	17.6%	15.7%	14.1%	12.0%	11.3%	11.7%	11.4%
Midwest	8.3%	8.2%	7.7%	7.8%	7.4%	7.3%	7.0%	7.1%	7.0%
Northeast and Midwest	26.9%	26.8%	25.3%	23.5%	21.5%	19.3%	18.3%	18.7%	18.4%
South	44.1%	44.3%	42.6%	44.7%	45.1%	46.2%	48.2%	47.6%	47.5%
West	29.0%	28.9%	32.1%	31.8%	33.5%	34.5%	33.5%	33.7%	34.1%
South and West	73.1%	73.2%	74.7%	76.5%	78.5%	80.7%	81.7%	81.3%	81.6%
U.S. TOTAL	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Source: Staff calculations from the U.S. Department of Defense, Washington Headquarters Services (DIOR)

Military Defense Installations - 1987

State or Region	Number of Installations
New England	
Connecticut	5
Maine	9
Massachusetts	22
New Hampshire	4
Rhode Island	8
Vermont	3
Total	51
Mid-Atlantic	
Delaware	3
Maryland	27
New Jersey	15
New York	36
Pennsylvania	22
Total	103
Midwest	
Illinois	15
Indiana	11
Iowa	5
Michigan	11
Minnesota	5
Ohio	19
Wisconsin	6
Total	72
South	
Alabama	35
Arkansas	6
District of Columbia	10
Florida	53
Georgia	21
Kentucky	7
Louisiana	11
Mississippi	13
North Carolina	18
Oklahoma	13
South Carolina	19
Tennessee	13
Texas	45
Virginia	37
West Virginia	2
Total	303

Military Defense Installations - 1987

State or Region	Number of Installations
West	
Alaska	47
Arizona	20
California	105
Colorado	13
Hawaii	47
Idaho	4
Kansas	8
Missouri	12
Montana	5
Nebraska	7
Nevada	12
New Mexico	9
North Dakota	8
Oregon	5
South Dakota	2
Utah	13
Washington	22
Wyoming	3
Total	342
Northeast	154
Midwest	72
Northeast and Midwest	226
South	303
West	342
South and West	645
U.S. TOTAL	871

Source: Staff calculations from the U.S. Department of Defense

Estimated Defense-Related Civilian Employment 1988

State or Region	Total State's Employment	Defense Related Employment	Defense Jobs as a Percent of State's Jobs	State's Percent of All U.S. Defense Jobs
New England				
Connecticut	1,694,000	134,018	7.9%	3.9%
Maine	576,000	16,766	2.9%	0.5%
Massachusetts	3,041,000	214,299	7.0%	6.3%
New Hampshire	591,000	12,360	2.1%	0.4%
Rhode Island	510,000	11,302	2.2%	0.3%
Vermont	290,000	3,107	1.1%	0.1%
Total	6,702,000	391,852	5.8%	11.5%
Mid-Atlantic				
Delaware	338,000	5,525	1.6%	0.2%
Maryland	2,355,000	117,206	5.0%	3.4%
New Jersey	3,827,000	84,597	2.2%	2.5%
New York	8,164,000	236,421	2.9%	7.0%
Pennsylvania	5,486,000	97,338	1.8%	2.9%
Total	20,170,000	541,087	2.7%	15.9%
Midwest				
Illinois	5,374,000	42,053	0.8%	1.2%
Indiana	2,667,000	54,253	2.0%	1.6%
Iowa	1,433,000	14,893	1.0%	0.4%
Michigan	4,232,000	47,190	1.1%	1.4%
Minnesota	2,233,000	59,144	2.6%	1.7%
Ohio	5,008,000	127,916	2.6%	3.8%
Wisconsin	2,465,000	24,501	1.0%	0.7%
Total	23,412,000	369,950	1.6%	10.9%
South				
Alabama	1,751,000	42,434	2.4%	1.2%
Arkansas	1,037,000	19,640	1.9%	0.6%
District of Columbia	320,000	33,575	10.5%	1.0%
Florida	5,799,000	145,219	2.5%	4.3%
Georgia	3,007,000	76,286	2.5%	2.2%
Kentucky	1,576,000	11,243	0.7%	0.3%
Louisiana	1,712,000	34,309	2.0%	1.0%
Mississippi	1,048,000	45,816	4.4%	1.3%
North Carolina	3,222,000	30,051	0.9%	0.9%
Oklahoma	1,431,000	16,234	1.1%	0.5%
South Carolina	1,604,000	13,949	0.9%	0.4%
Tennessee	2,215,000	28,299	1.3%	0.8%
Texas	7,702,000	246,473	3.2%	7.2%
Virginia	2,973,000	203,307	6.8%	6.0%
West Virginia	669,000	2,712	0.4%	0.1%
Total	36,066,000	949,547	2.6%	27.9%

Estimated Defense-Related Civilian Employment 1988 (continued)

State or Region	Total State's Employment	Defense Related Employment	Defense Jobs as a Percent of State's Jobs	State's Percent of All U.S. Defense Jobs
Alaska	219,000	13,006	5.9%	0.4%
Arizona	1,550,000	73,651	4.8%	2.2%
California	13,293,000	657,868	4.9%	19.3%
Colorado	1,590,000	65,303	4.1%	1.9%
Hawaii	500,000	13,511	2.7%	0.4%
Idaho	447,000	1,478	0.3%	0.0%
Kansas	1,216,000	36,040	3.0%	1.1%
Missouri	2,445,000	147,417	6.0%	4.3%
Montana	374,000	2,019	0.5%	0.1%
Nebraska	788,000	6,217	0.8%	0.2%
Nevada	557,000	5,052	0.9%	0.1%
New Mexico	634,000	15,695	2.5%	0.5%
North Dakota	313,000	4,299	1.4%	0.1%
Oregon	1,326,000	7,627	0.6%	0.2%
South Dakota	344,000	1,943	0.6%	0.1%
Utah	722,000	24,099	3.3%	0.7%
Washington	2,154,000	70,660	3.3%	2.1%
Wyoming	217,000	1,679	0.8%	0.0%
Total	28,689,000	1,147,564	4.0%	33.8%
Northeast	26,872,000	932,939	3.5%	27.4%
Midwest	23,412,000	369,950	1.6%	10.9%
Northeast and Midwest	50,284,000	1,302,889	2.6%	38.3%
South	36,066,000	949,547	2.6%	27.9%
West	28,689,000	1,147,564	4.0%	33.8%
South and West	64,755,000	2,097,111	3.2%	61.7%
U.S. Total	115,039,000	3,400,000	3.0%	100.0%

SOURCE: Staff calculations from U.S. Department of Defense, Office of Economic Adjustment.

Military Construction 1981-1989 in Thousands of Dollars

State or Region	1981	1982	1983	1984	1985	1986	1987	1988	1989
New England									
Connecticut	31,698	25,773	5,900	8,200	36,508	25,020	14,170	14,600	10,827
Maine	40,993	31,615	44,150	63,600	32,794	6,320	26,844	20,530	5,359
Massachusetts	17,490	6,324	29,918	10,036	13,660	29,097	57,198	58,881	23,842
New Hampshire	16,337	6,270	2,210	0	10,726	2,240	1,150	1,913	21,075
Rhode Island	5,127	3,520	7,600	2,032	34,531	19,580	17,268	6,040	19,720
Vermont	220	3,336	0	1,644	0	0	0	0	4,001
Total	111,865	76,838	89,778	85,512	128,219	82,257	116,630	101,964	84,824
Mid-Atlantic									
Delaware	1,300	5,505	3,300	1,650	2,106	17,384	396	6,674	1,410
Maryland	44,715	128,695	151,990	162,972	148,280	100,889	153,543	91,630	134,871
New Jersey	16,023	73,462	16,798	26,144	49,318	48,458	55,526	59,648	45,917
New York	49,026	58,057	65,416	81,096	65,772	271,325	372,610	367,003	290,896
Pennsylvania	30,211	48,539	12,251	38,214	84,144	52,858	61,464	51,975	38,042
Total	141,275	314,258	249,755	310,076	349,620	490,914	643,539	576,930	511,136
Midwest									
Illinois	42,518	43,321	29,476	46,863	105,928	69,204	43,107	54,168	80,107
Indiana	13,618	15,521	10,127	4,056	29,275	24,545	16,375	18,129	15,454
Iowa	3,656	8,992	0	0	1,229	5,399	2,322	2,101	10,020
Michigan	47,777	9,720	14,518	61,033	25,086	45,973	23,950	23,691	25,087
Minnesota	11,878	3,749	2,181	9,120	4,700	2,901	7,042	4,210	13,173
Ohio	17,783	125,635	38,250	12,584	46,477	20,010	45,164	51,128	28,137
Wisconsin	6,002	6,944	984	1,115	5,919	3,440	12,146	21,999	8,270
Total	143,232	213,882	95,536	134,771	218,614	171,472	150,106	175,426	180,248
South									
Alabama	52,110	30,737	47,372	59,708	37,031	103,872	56,279	81,602	86,962
Arkansas	13,708	23,974	17,584	20,270	7,540	34,795	23,194	15,696	20,789
District of Columbia	41,950	80,598	12,850	4,200	54,140	30,700	2,980	32,424	114,182
Florida	67,520	135,267	89,740	209,639	125,623	168,847	99,379	123,829	172,713
Georgia	94,768	169,577	209,041	141,299	345,167	445,687	212,425	188,622	149,039
Kentucky	21,372	5,296	22,189	20,250	64,286	64,409	4,740	17,960	43,470
Louisiana	38,999	12,705	23,438	62,316	82,832	30,167	69,812	51,881	19,759
Mississippi	6,378	21,275	15,212	39,663	68,369	37,667	48,697	61,709	71,404
North Carolina	90,595	52,479	106,961	103,218	189,805	163,403	148,152	161,297	115,065
Oklahoma	20,726	51,565	20,769	63,664	55,649	108,109	34,407	49,886	94,483
South Carolina	74,814	65,957	42,175	88,942	102,855	46,461	57,492	45,410	42,136
Tennessee	27,065	26,217	25,244	38,847	24,026	27,039	27,416	53,359	103,146
Texas	120,268	136,295	215,952	251,681	294,415	270,394	108,635	230,513	247,902
Virginia	144,121	192,451	151,575	244,658	249,345	191,535	90,816	195,421	196,627
West Virginia	0	10,042	2,650	13,012	3,300	4,885	14,325	6,147	19,825
Total	814,394	1,014,435	1,002,752	1,361,367	1,704,383	1,727,970	998,749	1,315,756	1,497,502

Military Construction 1981-1989 in Thousands of Dollars (continued)

State or Region	1981	1982	1983	1984	1985	1986	1987	1988	1989
West									
Alaska	27,304	72,130	71,183	150,105	143,178	145,850	168,835	254,502	195,813
Arizona	21,826	23,924	54,866	34,103	57,835	37,882	100,512	55,840	44,794
California	302,902	588,337	518,884	536,594	743,122	743,473	617,494	565,300	650,148
Colorado	66,608	137,556	128,950	114,685	77,260	80,882	41,490	76,618	133,690
Hawaii	125,186	91,957	43,873	98,709	240,370	88,250	87,370	168,007	103,577
Idaho	0	4,020	3,885	11,430	2,853	17,570	48,765	22,033	5,729
Kansas	11,175	8,244	29,870	103,780	44,800	129,790	52,510	13,612	32,416
Missouri	19,697	11,970	37,048	37,139	16,661	25,088	70,244	122,292	72,972
Montana	740	0	51,815	14,288	8,425	5,991	35,192	42,010	21,733
Nebraska	3,270	5,268	13,255	39,753	51,100	7,040	19,456	11,579	3,146
Nevada	8,350	31,978	23,110	16,390	31,630	55,560	50,000	24,950	21,235
New Mexico	14,184	19,234	11,280	15,450	28,866	48,269	49,160	76,448	36,683
North Dakota	27,687	12,608	510	22,325	40,435	65,580	64,095	14,723	28,692
Oregon	620	2,612	10,217	4,735	5,650	15,739	12,048	7,640	10,083
South Dakota	20,720	37,715	1,654	6,700	55,932	79,944	13,852	13,661	10,264
Utah	11,700	7,510	15,174	18,615	46,903	66,679	36,939	67,259	126,180
Washington	103,520	106,698	81,862	100,830	117,506	274,705	179,458	172,208	204,774
Wyoming	1,978	2,366	12,486	0	109,020	58,397	22,266	949	10,325
Total	767,467	1,164,127	1,109,922	1,325,631	1,821,546	1,946,689	1,669,686	1,709,631	1,712,254
Northeast	253,140	391,096	339,533	395,588	477,839	573,171	760,169	678,894	595,960
Midwest	143,232	213,882	95,536	134,771	218,614	171,472	150,106	175,426	180,248
Northeast and Midwest	396,372	604,978	435,069	530,359	696,453	744,643	910,275	854,320	776,208
South	814,394	1,014,435	1,002,752	1,361,367	1,704,383	1,727,970	998,749	1,315,756	1,497,502
West	767,467	1,164,127	1,109,922	1,325,631	1,821,546	1,946,689	1,669,686	1,709,631	1,712,254
South and West	1,581,861	2,178,562	2,112,674	2,686,998	3,525,929	3,674,659	2,668,435	3,025,387	3,209,756
U.S. TOTAL	1,978,233	2,783,540	2,547,743	3,217,357	4,222,382	4,419,302	3,578,710	3,879,707	3,985,964

Source: Staff calculations from the U.S. Department of Defense, Construction Programs (C-1)

Percent of U.S. Military Construction 1981-1989

State or Region	1981	1982	1983	1984	1985	1986	1987	1988	1989
New England									
Connecticut	1.6%	0.9%	0.2%	0.3%	0.9%	0.6%	0.4%	0.4%	0.3%
Maine	2.1%	1.1%	1.7%	2.0%	0.8%	0.1%	0.8%	0.5%	0.1%
Massachusetts	0.9%	0.2%	1.2%	0.3%	0.3%	0.7%	1.6%	1.5%	0.6%
New Hampshire	0.8%	0.2%	0.1%	0.0%	0.3%	0.1%	0.0%	0.0%	0.5%
Rhode Island	0.3%	0.1%	0.3%	0.1%	0.8%	0.4%	0.5%	0.2%	0.5%
Vermont	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%
Total	5.7%	2.8%	3.5%	2.7%	3.0%	1.9%	3.3%	2.6%	2.1%
Mid-Atlantic									
Delaware	0.1%	0.2%	0.1%	0.1%	0.0%	0.4%	0.0%	0.2%	0.0%
Maryland	2.3%	4.6%	6.0%	5.1%	3.5%	2.3%	4.3%	2.4%	3.4%
New Jersey	0.8%	2.6%	0.7%	0.8%	1.2%	1.1%	1.6%	1.5%	1.2%
New York	2.5%	2.1%	2.6%	2.5%	1.6%	6.1%	10.4%	9.5%	7.3%
Pennsylvania	1.5%	1.7%	0.5%	1.2%	2.0%	1.2%	1.7%	1.3%	1.0%
Total	7.1%	11.3%	9.8%	9.6%	8.3%	11.1%	18.0%	14.9%	12.8%
Midwest									
Illinois	2.1%	1.6%	1.2%	1.5%	2.5%	1.6%	1.2%	1.4%	2.0%
Indiana	0.7%	0.6%	0.4%	0.1%	0.7%	0.6%	0.5%	0.5%	0.4%
Iowa	0.2%	0.3%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.3%
Michigan	2.4%	0.3%	0.6%	1.9%	0.6%	1.0%	0.7%	0.6%	0.6%
Minnesota	0.6%	0.1%	0.1%	0.3%	0.1%	0.1%	0.2%	0.1%	0.3%
Ohio	0.9%	4.5%	1.5%	0.4%	1.1%	0.5%	1.3%	1.3%	0.7%
Wisconsin	0.3%	0.2%	0.0%	0.0%	0.1%	0.1%	0.3%	0.6%	0.2%
Total	7.2%	7.7%	3.7%	4.2%	5.2%	3.9%	4.2%	4.5%	4.5%
South									
Alabama	2.6%	1.1%	1.9%	1.9%	0.9%	2.4%	1.6%	2.1%	2.2%
Arkansas	0.7%	0.9%	0.7%	0.6%	0.2%	0.8%	0.6%	0.4%	0.5%
District of Columbia	2.1%	2.9%	0.5%	0.1%	1.3%	0.7%	0.1%	0.8%	2.9%
Florida	3.4%	4.9%	3.5%	6.5%	3.0%	3.8%	2.8%	3.2%	4.3%
Georgia	4.8%	6.1%	8.2%	4.4%	8.2%	10.1%	5.9%	4.9%	3.7%
Kentucky	1.1%	0.2%	0.9%	0.6%	1.5%	1.5%	0.1%	0.5%	1.1%
Louisiana	2.0%	0.5%	0.9%	1.9%	2.0%	0.7%	2.0%	1.3%	0.5%
Mississippi	0.3%	0.8%	0.6%	1.2%	1.6%	0.9%	1.4%	1.6%	1.8%
North Carolina	4.6%	1.9%	4.2%	3.2%	4.5%	3.7%	4.1%	4.2%	2.9%
Oklahoma	1.0%	1.9%	0.8%	2.0%	1.3%	2.4%	1.0%	1.3%	2.4%
South Carolina	3.8%	2.4%	1.7%	2.8%	2.4%	1.1%	1.6%	1.2%	1.1%
Tennessee	1.4%	0.9%	1.0%	1.2%	0.6%	0.6%	0.8%	1.4%	2.6%
Texas	6.1%	4.9%	8.5%	7.8%	7.0%	6.1%	3.0%	5.9%	6.2%
Virginia	7.3%	6.9%	5.9%	7.6%	5.9%	4.3%	2.5%	5.0%	4.9%
West Virginia	0.0%	0.4%	0.1%	0.4%	0.1%	0.1%	0.4%	0.2%	0.5%
Total	41.2%	36.4%	39.4%	42.3%	40.4%	39.1%	27.9%	33.9%	37.6%

Percent of U.S. Military Construction 1981-1989 (continued)

State or Region	1981	1982	1983	1984	1985	1986	1987	1988	1989
West									
Alaska	1.4%	2.6%	2.8%	4.7%	3.4%	3.3%	4.7%	6.6%	4.9%
Arizona	1.1%	0.9%	2.2%	1.1%	1.4%	0.9%	2.8%	1.4%	1.1%
California	15.3%	21.1%	20.4%	16.7%	17.6%	16.8%	17.3%	14.6%	16.3%
Colorado	3.4%	4.9%	5.1%	3.6%	1.8%	1.8%	1.2%	2.0%	3.4%
Hawaii	6.3%	3.3%	1.7%	3.1%	5.7%	2.0%	2.4%	4.3%	2.6%
Idaho	0.0%	0.1%	0.2%	0.4%	0.1%	0.4%	1.4%	0.6%	0.1%
Kansas	0.6%	0.3%	1.2%	3.2%	1.1%	2.9%	1.5%	0.4%	0.8%
Missouri	1.0%	0.4%	1.5%	1.2%	0.4%	0.6%	2.0%	3.2%	1.8%
Montana	0.0%	0.0%	2.0%	0.4%	0.2%	0.1%	1.0%	1.1%	0.5%
Nebraska	0.2%	0.2%	0.5%	1.2%	1.2%	0.2%	0.5%	0.3%	0.1%
Nevada	0.4%	1.1%	0.9%	0.5%	0.7%	1.3%	1.4%	0.6%	0.5%
New Mexico	0.7%	0.7%	0.4%	0.5%	0.7%	1.1%	1.4%	2.0%	0.9%
North Dakota	1.4%	0.5%	0.0%	0.7%	1.0%	1.5%	1.8%	0.4%	0.7%
Oregon	0.0%	0.1%	0.4%	0.1%	0.1%	0.4%	0.3%	0.2%	0.3%
South Dakota	1.0%	1.4%	0.1%	0.2%	1.3%	1.8%	0.4%	0.4%	0.3%
Utah	0.6%	0.3%	0.6%	0.6%	1.1%	1.5%	1.0%	1.7%	3.2%
Washington	5.2%	3.8%	3.2%	3.1%	2.8%	6.2%	5.0%	4.4%	5.1%
Wyoming	0.1%	0.1%	0.5%	0.0%	2.6%	1.3%	0.6%	0.0%	0.3%
Total	38.8%	41.8%	43.6%	41.2%	43.1%	44.0%	46.7%	44.1%	43.0%
Northeast	12.8%	14.1%	13.3%	12.3%	11.3%	13.0%	21.2%	17.5%	15.0%
Midwest	7.2%	7.7%	3.7%	4.2%	5.2%	3.9%	4.2%	4.5%	4.5%
Northeast and Midwest	20.0%	21.7%	17.1%	16.5%	16.5%	16.8%	25.4%	22.0%	19.5%
South	41.2%	36.4%	39.4%	42.3%	40.4%	39.1%	27.9%	33.9%	37.6%
West	38.8%	41.8%	43.6%	41.2%	43.1%	44.0%	46.7%	44.1%	43.0%
South and West	80.0%	78.3%	82.9%	83.5%	83.5%	83.2%	74.6%	78.0%	80.5%
U.S. TOTAL	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Source: Staff calculations from the U.S Department of Defense, Construction Programs (C-1)

Appendix

United States Population 1951-1989
(in thousands)

State or Region	1951	1955	1960	1965	1970	1975	1980	1985	1989
New England									
Connecticut	2,028	2,300	2,535	2,857	3,032	3,083	3,108	3,175	3,239
Maine	916	934	969	997	994	1,072	1,125	1,165	1,222
Massachusetts	4,654	4,882	5,149	5,502	5,689	5,758	5,737	5,823	5,913
New Hampshire	529	557	607	676	738	829	921	998	1,107
Rhode Island	784	823	859	893	950	943	947	967	998
Vermont	378	375	390	404	445	480	511	535	567
Total	9,289	9,871	10,509	11,329	11,848	12,165	12,349	12,663	13,046
Mid-Atlantic									
Delaware	331	389	446	507	548	587	594	622	673
Maryland	2,441	2,742	3,101	3,600	3,924	4,139	4,217	4,391	4,694
New Jersey	5,006	5,502	6,067	6,767	7,171	7,338	7,365	7,568	7,736
New York	14,890	15,966	16,782	17,734	18,241	18,003	17,558	17,762	17,950
Pennsylvania	10,461	10,939	11,319	11,620	11,801	11,906	11,864	11,864	12,040
Total	33,129	35,538	37,715	40,228	41,685	41,973	41,598	42,207	43,093
Midwest									
Illinois	8,790	9,435	10,081	10,693	11,110	11,292	11,427	11,538	11,658
Indiana	4,096	4,363	4,662	4,922	5,195	5,366	5,490	5,500	5,593
Iowa	2,617	2,679	2,758	2,742	2,825	2,881	2,914	2,880	2,840
Michigan	6,497	7,285	7,823	8,357	8,882	9,118	9,262	9,085	9,273
Minnesota	3,010	3,172	3,414	3,592	3,806	3,933	4,076	4,190	4,353
Ohio	8,061	9,017	9,706	10,201	10,657	10,770	10,798	10,745	10,907
Wisconsin	3,439	3,679	3,952	4,232	4,418	4,579	4,706	4,775	4,867
Total	36,510	39,630	42,396	44,739	46,893	47,939	48,673	48,713	49,491
South									
Alabama	3,059	3,050	3,267	3,443	3,444	3,679	3,894	4,020	4,118
Arkansas	1,901	1,725	1,786	1,894	1,923	2,160	2,286	2,359	2,406
D.C.	808	785	764	797	757	707	638	623	604
Florida	2,980	3,747	4,952	5,954	6,791	8,518	9,746	11,373	12,671
Georgia	3,531	2,626	3,943	4,332	4,588	5,064	5,463	5,973	6,436
Kentucky	2,941	2,910	3,038	3,140	3,221	3,468	3,661	3,728	3,727
Louisiana	2,769	2,946	3,257	3,496	3,645	3,886	4,206	4,485	4,382
Mississippi	2,163	2,060	2,178	2,246	2,217	2,399	2,521	2,613	2,621
North Carolina	4,120	4,242	4,556	4,863	5,084	5,547	5,882	6,260	6,571
Oklahoma	2,210	2,250	2,328	2,440	2,559	2,775	3,025	3,316	3,224
South Carolina	2,167	2,200	2,383	2,494	2,591	2,902	3,122	3,334	3,512
Tennessee	3,372	3,415	3,567	3,798	3,926	4,276	4,591	4,766	4,940
Texas	8,111	8,660	9,580	10,378	11,199	12,569	14,229	16,389	16,991
Virginia	3,434	3,588	3,967	4,411	4,651	5,047	5,347	5,701	6,098
West Virginia	1,984	1,880	1,860	1,786	1,744	1,842	1,950	1,936	1,857
Total	45,550	46,084	51,426	55,472	58,340	64,839	70,561	76,876	80,158

United States Population 1951-1989
(in thousands)

State or Region	1951	1955	1960	1965	1970	1975	1980	1985	1989
West									
Alaska	158	222	226	271	303	376	402	522	527
Arizona	785	987	1,302	1,584	1,775	2,285	2,718	3,161	3,556
California	11,134	13,133	15,717	18,585	19,971	21,538	23,668	26,358	29,063
Colorado	1,326	1,546	1,754	1,985	2,210	2,586	2,890	3,234	3,317
Hawaii	514	539	633	704	770	886	965	1,051	1,112
Idaho	589	618	667	686	713	832	944	1,004	1,014
Kansas	1,950	2,093	2,179	2,206	2,249	2,281	2,364	2,449	2,513
Missouri	4,015	4,134	4,320	4,467	4,678	4,808	4,917	5,034	5,159
Montana	596	636	675	706	694	748	787	825	806
Nebraska	1,316	1,374	1,411	1,471	1,485	1,543	1,570	1,604	1,611
Nevada	168	237	285	444	489	620	800	940	1,111
New Mexico	717	785	951	1,012	1,017	1,160	1,303	1,450	1,528
North Dakota	604	615	632	649	618	639	653	685	660
Oregon	1,556	1,659	1,769	1,937	2,092	2,330	2,633	2,689	2,820
South Dakota	655	663	681	692	666	681	691	708	715
Utah	706	783	891	991	1,059	1,236	1,461	1,644	1,707
Washington	2,424	2,604	2,853	2,967	3,413	3,621	4,132	4,406	4,761
Wyoming	291	307	330	332	332	382	470	510	475
Total	29,504	32,935	37,276	41,689	44,534	48,552	53,368	58,274	62,455
Northeast	42,418	45,409	48,224	51,557	53,533	54,138	53,947	54,870	56,139
Midwest	36,510	39,630	42,396	44,739	46,893	47,939	48,673	48,713	49,491
Northeast and Midwest	78,928	85,039	90,620	96,296	100,426	102,077	102,620	103,583	105,630
South	45,550	46,084	51,426	55,472	58,340	64,839	70,561	76,876	80,158
West	29,504	32,935	37,276	41,689	44,534	48,552	53,368	58,274	62,455
South and West	75,054	79,019	88,702	97,161	102,874	113,391	123,929	135,150	142,613
U.S. Total	153,982	164,058	179,322	193,457	203,300	215,468	226,549	238,733	248,243

Source: Staff Calculations from the U.S. Bureau of the Census